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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known		
Application Number	09/458,014		
Filing Date	December 10, 1999		
First Named Inventor	Jacques DUMAS et al.		
Group Art Unit	1617		
Examiner Name	Criares, Theodore J.		
Attorney Docket Number	BAYER 11C1		

			U.S. PATENT DOCUM	1ENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document Kind Code ² Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
12		5,965,573	Petrie er al.	10-12-99	
1		6,093,742	Salituro et al.	7-25-00	
		6,218,539 B1	Widdowson	4-17-01	→
		6,242,601 B1	Breu et al.	6-5-01	· (\$\infty \)
		6,004,965	Breu et al.	12-21-99	» (C/)
		5,891,895	Shiraishi et al.	4-6-99	IEO YPA VI
		6,174,901 B	Mantlo et al.	1-16-01	4/0 12
	•	6,080,763	Regan et al.	6-27-00	CEAL 9
\neg		4,240,820	Dickore et al.	12-23-80	In son
		4,760,063	Hallenbach et al.	7-26-88	7/0 %
		5,698,581	Kleemann et al.	12-16-97	100n
\neg	**	2,722,544	Martin	11-1-55	200
\neg		2,649,476	Martin	8-18-53	0
		6,339,045 B1	Kanno et al.	1-15-02	
7 1		6,005,008	Widdowson et al.	12-21-99	
7		5,908,865	Doi et al.	6-1-99	
1		6,180,675 B1	Widdowson et al.	1-30-01	
		2,797,214	Werner Bossard	6-25-57	
7/		6,211,373 B1	Widdowson et al.	4-3-01	
7		5,185,358	Creswell et al.	2-9-93	

			FOREIG	N PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	For Office ³	reign Patent Document Number ⁴ Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
K		EP	0242666A1	1	10-28-87	- G	
		EP	0202538A1		11-26-86		
\neg		DE	3529247A1		11-20-86		
1		DE	2436179A1		2-6-75		
		EP	0116932A1		8-29-84		
4		wo	97/30992		8-28-97		
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Examiner Signature Date Considered 8/30/02
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Substitute for form 1449A/PTO Complete if Known 09/458,014 **Application Number** INFORMATION DISCLOSURE Filing Date December 10, 1999 STATEMENT BY APPLICANT First Named Inventor Jacques, DUMAS et al. Group Art Unit 1617 (use as many sheets as necessary) Criares, Theodore J. **Examiner Name** of 6 BAYER 11 C1 Attorney Docket Number Sheet

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
pr		Hiroshi Kubo et al., Herbicidal Activity of 1,3,4-Thiadiazole Derivatives, 1970, pp. 60-65				
m		F. Russo, Sintesi Di Derivati 2,6-Sostituiti Del 5H-1,3,5-Tiadiazolo[3,2-a]-s-Triazina-5,7-Dione, 1978, pp. 972-983				
		A. M. Grant et al., Some Hypotensive Thiadiazoles, 1972, pp. 1083-1084				
n		Odette Foussard-Blanpin, Etude pharmacodynamique comparee de carboxamides diversement substitutes dans le domaine du systeme nerveux central; 1982; pp. 339-350				
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Sheet 3 of 6

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Application Number	09/458,014	
Filing Date	December 10, 1999	
First Named Inventor	Jacques DUMAS et al.	
Group Art Unit	1617	
Examiner Name	Criares, Theodore J.	
Attorney Docket Number	BAYER 11 C1	

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m		5,814,646	Heinz et al.	9-29-98	
		3,990,879	Soper	11-9-76	7/
		6,133,319	Widdowson et al.	10-17-00	
		5,886,044	Widdowson et al.	3-23-99	2 1
		6,020,345	Vacher et al.	2-1-00	180, 1Pp
		6,262,113 B1	Widdowson et al.	7-17-01	770 2
1/4		4,042,372	Harper	8-16-77	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
<i>y</i>		6,333,341 B1	Mantlo et al.	12-25-01	160
1		6,271,261 B1	Widdowson	8-7-01	1/80
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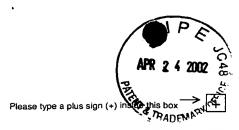
				FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	For Office ³		nent ind Code ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т ₆
pr		EP	0016371A1	T		10-1-80		
		EP	0860433A1	T		8-26-98		
		DE	3540377A1			5-21-87		
		EP	0676395A2			10-11-95		
		wo	98/17267			4-30-98		
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m		wo	97/17329			5-15-97		

Examiner Signature	Man	Date Considered	8/30/02

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	U.S. PATENT DOCUMENTS								
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Examiner Cite Initials * No. 1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear				
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		wo	96/10559			4-11-96				
		DE	25 01 648			7-24-75				
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
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\neg		Caplus 95:61995, Abstract JP 55162772, Substituted acetic derivatives, Shionogi & Co., May 23, 1980				
		Caplus 86:72448, Abstract JP 57053785, Pyridine derivatives, Maeda Ryozo et al., November 15, 1982				
		Caplus 84:180049, Abstract JP 56029871, Hamada Yoshinori et al., July 10, 1981				
		Caplus 84:43857, Abstract JP 58021626, Maeda Ryozo et al., May 2, 1983				
		Abstract of EP 676,395 (U.S. equivalent 5,698,581)				
		Abstract of EP 4931 (U.S. equivalent 4,240,820) 12/13/80				
		Abstract of DE 3305866 (EP equivalent 116,932) 8/29/84				
		Abstract of EP 202,538 ///2 6 /8 6				
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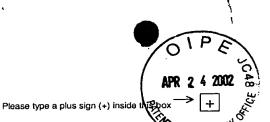
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							APR 2 9 2	2002	
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				FOREIG	N PATENT DOC	UMENTS			
Examiner	Cite	Fo	reign Patent Do	cument	Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant		

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110		WO	98/52559			11/1998		
11		WO	98/52558			11/1998		
1		WO	99/32436			7/1999		
1		WO	99/32106			7/1999		
1		WO	99/32455			7/1999		
1		WO	99/32463			7/1999		
1		WO	99/32111			7/1999		
		WO	99/32110			4/1999		
		wo	99/33458			11/1998		
		WO	99/24398			5/20/1999		
1		WO	00/17175			9/16/1999		
_		WO	99/23091			5/14/1999		
		wo	98/22103			5/28/1998		
		wo	00/43384			7/27/2000		
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